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PHOTOGRAPHIC INTERPRETATION REPORT



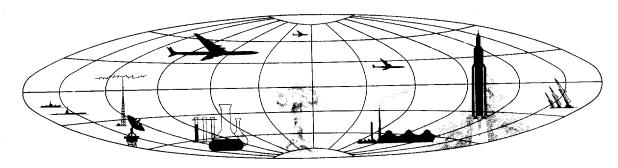
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OAK-PART I MISSION 9056

PREFACE

THIS IS THE FIRST OF AN ESTIMATED THREE DAILY OAK REPORTS BASED ON MISSION 9056 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD FROM 0800 TO 1500, 4 JULY 1963, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. COMOR TARGETS NOT OBSERVED OR NOT COVERED BY MISSION 9056 WILL BE LISTED IN THE FINAL OAK REPORT ON THIS MISSION.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APR 62. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), D (DARKNESS), SD (SEMIDARKNESS), D (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

MISSION 9056 DID NOT PROVIDE PHOTOGRAPHIC COVERAGE OF PART OF PASS 56 OR OF SUBSEQUENT PASSES BECAUSE THE FILM SUPPLY WAS EXHAUSTED. OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 9056 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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HIGHLIGHTS

25X1A

NOVOSYSOVEYKA HARD IRBM LAUNCH SITE NOVOSYSOYEVKA LAUNCH AREA 2 IS NOW CONFIRMED AS A HARDENED IRBM IN A MID-STAGE OF CONSTRUCTION.

A POSSIBLE HARDENED IRBM LAUNCH AREA IN AN EARLY STAGE OF CONSTRUCTION IS NEWLY IDENTIFIED 4 NM SSE OF NOVOSYSOYEVKA LAUNCH AREA 1.

25X2



STATUS OF COMOR TARGET READOUT

A TOTAL OF 42 COMOR TARGETS WERE OBSERVED IN THE CURRENT REPORTING CERIOD AND ARE COVERED BY THIS REPORT.

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25X1A

MISSILES

TYURA TAM MISSILE TEST CENTER 4550N 06318E

25X1D

PROVIDES FAIR QUALITY PARTIAL COVERAGE OF THE TYURA TAM MISSILE TEST CENTER. HOWEVER, INTERPRETATION IS LIMITED BY HAZE AND CLOUD SHADOW. LAUNCH COMPLEXES A, B, C, E, AND H, THE RAIL AND ROAD CONSTRUCTION BETWEEN A AND B, THE NEW AREA BETWEEN A AND E, THE CENTRAL SUPPORT FACILITY, AND THE MAIN SUPPORT BASE ARE CLOUD-COVERED.

LAUNCH COMPLEX D -- COMPLEX CAN BE IDENTIFIED BUT NOT INTERPRETED.

LAUNCH COMPLEX F -- THE ENTIRE COMPLEX IS COVERED BY CLOUD-FREE PHOTOGRAPHY, BUT HEAVY HAZE PRECLUDES INTERPRETATION OF THE DETAILS OF MANY OBJECTS. THE SILOS ARE INDISTINCT, BUT THE DOME-LIKE STRUCTURES PREVIOUSLY IDENTIFIED ARE NO LONGER PRESENT. CONSTRUCTION CONTINUES ON THE CONTROL BUNKER AND FOUR OBJECTS, POSSIBLY DOMED, ARE BEING CONSTRUCTED ON EACH OF THE FOUR CORNERS. THE FENCE LINE ENCLOSING THE LAUNCH COMPLEX IS NOW APPARENT. NO OTHER SIGNIFICANT CHANGE OBSERVED.

25X1D

LAUNCH COMPLEX G -- CONSTRUCTION CONTINUES IN THE LAUNCH AREA. THE MISSILE-READY BUILDING IN THE SE HALF OF THE AREA APPEARS TO BE COMPLETE. NO OTHER SIGNIFICANT CHANGE SINCE HAZE PRECLUDES DETAILED ANALYSIS.

AREA OF UNIDENTIFIED CONSTRUCTION 2 NM EAST OF LAUNCH COMPLEX G — CONSTRUCTION CONTINUES. THE AREA IS NOW RECTANGULAR IN SHAPE AS DELINEATED BY ROADS AND DITCHING. THE LONG AXIS IS PARALLEL TO THE LAUNCH AREA AT G. TWO IRREGULAR EXCAVATIONS ARE LOCATED NEAR THE NORTH END OF THE RECTANGULAR AREA. AT LEAST FOUR BUILDINGS IN THE RECTANGLE, AND TWO BUILDINGS AND A LINEAR EXCAVATION JUST WEST OF THE RECTANGLE ARE EVIDENT.

AREA OF UNIDENTIFIED CONSTRUCTION WEST OF LAUNCH COMPLEX G -- NO APPARENT CHANGE SINCE

25X1D

SAM SITES -- BØ8, BØ8A, BØ8B, B26 (FORMERLY REFERRED

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TO AS C26), B26A, B26B -- NO APPARENT CHANGE SINCE 25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ARE AS FOLLOWS. LAUNCH COMPLEX D 25X1D LAUNCH COMPLEX F LAUNCH COMPLEX G AREA WEST OF G --AREA EAST OF G -25X1D 25X1A TALLINN SUSPECT SSM AREA 5924N Ø2444E ONLY SW QUADRANT COVERED BY PHOTOGRAPHY. NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS 25X1D 25X1A ROZHDESTVENKA MRBM LAUNCH SITE 4547N 13343E NO ADDITIONAL SSM ACTIVITY IDENTIFIED IN CLOUD-FREE PORTIONS OF SEARCH AREA. THE ROZHDESTVENKA LAUNCH AREA APPEARS COMPLETE AND HAS THE SAME SIGNATURE AS THE SINGLE LAUNCH AREAS AT KRASKINO AND ZHURAVKA. 25X1D 25X1A KIROVOBAD, SUSPECT SSM AREA 4040N 04620E NO SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF KIROVOBAD. 25X1D 25X1A NOVOSYSOYEVKA HARD IRBM LAUNCH SITE 4407N 13327E NOVOSYSOYEVKA LAUNCH AREA 2 IS CONFIRMED AS A HARDENED IRBM IN A MID-STAGE OF CONSTRUCTION. A NEWLY-IDENTIFIED POSSIBLE HARDENED IRBM LAUNCH AREA

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IN A EARLY STAGE OF CONSTRUCTION IS LOCATED AT 44-07-45N 132-25-45E。4 NM SSE OF NOVOSYSOYEVKA IRBM LAUNCH AREA 1 AND 3 NM WNW OF NOVOSYSOYEVKA IRBM THERE WAS NO EVIDENCE OF THIS LAUNCH AREA 20. 25X1D LAUNCH AREA IN THIS NEW LAUNCH AREA CONSISTS OF A HOUSING FACILITY CONTAINING 3 BUILDINGS, AND A CLEARING IN THE FOREST FOR THE POSSIBLE LAUNCH SITE, AND IS SERVED BY A NEWLY CONSTRUCTED ROAD. THE ROAD CONNECTING THE HOUSING FACILITY AND THE POSSIBLE LAUNCH SITE LOCATION IS ORIENTED APPROXIMATELY NORTH/SOUTH. 25X1D PHOTO REFERENCES FOR SIGNIFICANT ITEMS ARE AS FOLLOWS. LAUNCH AREA 2 -25X1D POSSIBLE LAUNCH AREA -25X1D 25X1A GELLI HARDENED IRBM/MRBM LAUNCH SITE 4245N Ø4728E THIS SITE APPEARS COMPLETE。 HOWEVER, THE DARK-COLORED MATERIAL HAS NOT YET BEEN PLACED OVER THE CONTROL BUNKER. 25X1D 25X1A PARAUL HARDENED IRBM/MRBM LAUNCH SITE 4247N Ø4723E THIS SITE IS IN A LATE STAGE OF CONSTRUCTION. THE SILOS AND CONTROL BUNKER ARE PARTIALLY BACKFILLED. 25X1D 25X1A KAKASHURA HARDENED IRBM/MRBM LAUNCH SITE 4239N Ø4727E THIS SITE IS COVERED BY EXCELLENT PHOTOGRAPHY. NOTED THAT THERE IS NO OBJECT LOCATED TO THE RIGHT-THE LEFT MISSILE SILO REAR OF THE CONTROL BUNKER. DOOR APPEARS TO BE IN AN OPEN POSITION. A LOOP ROAD TURN-AROUND HAS BEEN ADDED TO THE RAIL-TO-ROAD TRANSFER POINT LOCATED 11 NM TO THE EAST. 25X1D

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25X1A

BIKIN, SUSPECT MR/IRBM AREA 4649N 13416E

NO SSM ACTIVITY IDENTIFIED IN CLOUD-FREE AREAS WITHIN A 30-NM RADIUS OF BIKIN. ONLY FAR WESTERN PORTION OF SEARCH AREA WAS COVERED BY PHOTOGRAPHY.

25X1D

25X1A

SARY SHAGAN ANTIMISSILE TEST CENTER 4602N 07334E

FACILITIES COVERED EITHER COMPLETELY OR IN PART ON GENERALLY POOR QUALITY PHOTOGRAPHY INCLUDE LAUNCH COMPLEX By THE PRIMARY AIRFIELD AND PREPARED EARTH STRIP; THE MAIN SUPPORT BASE, INSTRUMENTATION SITES 3, 4, 5, 6, 8, 9, AND 13; AND THE SAM TRAINING CENTER.

LAUNCH COMPLEX A --- COMPLEX CAN BE IDENTIFIED BUT NOT INTERPRETED.

25X1D 25X1D LAUNCH COMPLEX B -- SUPPORT AREA IS ONLY PORTION VISIBLE. NO APPARENT CHANGE SINCE

MAIN SUPPORT BASE -- IDENTIFICATION ONLY.

PRIMARY AIRFIELD -- IDENTIFICATION ONLY.

PREPARED EARTH AIRSTRIP -- CONSTRUCTION CONTINUES.

25X1D

INSTRUMENTATION SITES -- INSTRUMENTATION SITES 3, 4, 5, 6, 8 AND 9 CAN BE IDENTIFIED, BUT NOT INTERPRETED. EARTH SCARRING, NEW SINCE IS EVIDENT NORTH OF THE 3 RECENTLY CONSTRUCTED BUILDINGS AT INSTRUMENTATION SITE 13.

SAM TRAINING CENTER 35 NM SSW — THE THREE LAUNCH SITES AND 2 POSSIBLE LAUNCH SITES ARE BARELY DISCERNIBLE.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS

25X1D

ARE AS FOLLOWS.
LAUNCH COMPLEX A -LAUNCH COMPLEX B -SAM TRAINING CENTER

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25X1D 25X1A SHUANG-CHENG-TZU 350 NM IMPACT AREA (CHINA) 4024N 09225E NO EVIDENCE OF BALLISTIC MISSILE IMPACT AREA, INSTRUMENTATION, COMMUNICATIONS, OR SUPPORT FACILITIES WITHIN A 50-NM RADIUS OF ABOVE COORDINATES. 25X1D 25X1A SHUANG-CHENG-TZU 1100 NM IMPACT AREA (CHINA) 3925N 07640E NO EVIDENCE OF BALLISTIC MISSILE IMPACT AREA, NEW TRANSPORT ROUTES, INSTRUMENTATION, COMMUNICATIONS, OR SUPPORT FACILITIES WITHIN A 50-NM RADIUS OF ABOVE COORDINATES. 25X1D 25X1A HELWAN MUNITIONS PLANT 63 (EGYPT) 2952N Ø3122E NUMEROUS BUILDINGS HAVE BEEN CONSTRUCTED ALONG THE NORTH AND WEST SIDES OF THIS PLANT (ADDING APPROXIMATELY 10 PERCENT TO THE PLANT FLOOR-SPACE) SINCE TALENT COVERAGE. TWO LARGE 25X1D TWO LARGE SHOPS WHICH WERE UNDER CONSTRUCTION AT THE NORTH 25X1D ARE NOW COMPLETE. END OF THE PLANT IN HAZE PRECLUDES CONFIRMATION OR NEGATION OF MISSILE PRODUCTION AND/OR STORAGE IN AREA. 25X1D 25X1A MEDVED SUSPECT SSM AREA 5818N 03031E NO SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 50-NM RADIUS OF MEDVED. 25X1D 25X1A STARAYA RUSSA, SUSPECT MISSILE AREA 5800N 03123E NO MISSILE OR MISSILE ASSOCIATED ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 50-NM RADIUS

OF STARAYA RUSSA.

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25X1D 25X1A ZAPOLYARNYY, SUSPECT MISSILE AREA 6926N 03051E NO SSM ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF ZAPOLYARNYY. 25X1D 25X1A ZAKOPYTYE, SUSPECT SSM AREA 5225N Ø313ØE NO SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS OF ABOVE COORDINATES. 25X1D 25X1A KHARGA DASIS, SSM SEARCH (EGYPT) 2535N Ø3Ø38E NO SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS OF KHARGA DASIS. 25X1D 25X1A AL ISKANDARIYAH/CAIRO/AS SUWAYS SSM SRCH (EG) 3035N 03010E ONLY WESTERN HALF OF SEARCH AREA COVERED. NO SSM ACTIVITY OBSERVED. 25X1D 25X1A PORKHOV EARLY-WARNING RADAR SITE 5744N 02940E SITE CAN BE IDENTIFIED, BUT HAZE PRECLUDES INTERPRETATION . 25X1D 25X1A TAPA EARLY WARNING RADAR SITE 5919N 02600E 25X1D NO APPARENT CHANGE SINCE 25X1D

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25X1A

VYBORG, EARLY WARNING RADAR SITE 6043N 02834E

CONTROL BUNKER AND RADAR FACILITIES ARE LOCATED ALONG WEST SIDE OF A SERVICE ROAD. SUPPORT FACILITIES ARE LOCATED SSE OF RADAR SITE ON THE ACCESS ROAD. SCALE AND QUALITY OF PHOTOGRAPHY PRECLUDE DETAILED INTERPRETATION.

25X1D

25X1A

AMDERMA SUSPECT ABM RADAR 6943N Ø6145E

NO ABM RADAR ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF ABOVE COORDINATES.

25X1D

25X1A

ARKHANGELSK POSS ABM RADAR 6433N Ø4Ø32E

SEARCH AREA 90 PERCENT CLOUD-COVERED.
NO ABM FACILITIES OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

GOMEL POSS ABM RADAR 5225N Ø31ØØE

NO ABM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF ABOVE COORDINATES.

25X1D

25X1A

ASTRAKHAN POSS ABM RADAR 4620N 04801E

NO ABM RADAR ANTENNAS OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF ASTRAKHAN.

25X1D

25X1A

NOVAYA ZEMLYA, POSSIBLE ABM RADAR 7300N 05500E

NO ABM ASSOCIATED FACILITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF ABOVE COORDINATES.

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25X1D 25X1A PODPOROZHYE ABM RADAR SITE 6050N 03412E 25X1D NO APPARENT CHANGE SINCE EXCEPT THAT THERE ARE AT LEAST 5 STRUCTURES UNDER CONSTRUCTION ON NE SIDE OF SERVICE ROAD. 25X1D **AIRFIELDS** 25X1A ENGELS AIRFIELD 5129N Ø4611E ONLY NORTH END OF RUNWAY VISIBLE. NO AIRCRAFT OBSERVED IN CLOUD-FREE AREA. 25X1D 25X1A MOZDOK AIRFIELD 4347N Ø4436E WEST END OF RUNWAY IS BEING EXTENDED 3,120 FT. TOTAL LENGTH OF RUNWAY WILL BE 10,780 FY. NO AIRCRAFT OR WEAPONS STORAGE FACILITIES OBSERVED. 25X1D 25X1A ZHITOMIR/SKOMOROKHI AIRFIELD 5010N 02844E AIRCRAFT -- 3 SMALL STRAIGHT-WING AND 2 LARGE STRAIGHT-WING ON FIGHTER HARDSTANDS. 25X1D 25X1A GOMEL/PRIBYTKI AIRFIELD 5218N Ø311ØE AIRCRAFT -- 6 MEDIUM SWEPT-WING ON HARDSTANDS ALONG SE SEGMENT OF TAXIWAY, 19 MEDIUM SWEPT-WING ON MAIN PARKING RAMP, AT LEAST 3 SMALLER UNIDENTIFIED AIRCRAFT ON HARDSTANDS AT SE END OF TAXIWAY. ONE SMALL STRAIGHT-WING ON GRASS IN FRONT OF HANGAR,

4 SMALL SWEPT-WING AND ONE UNIDENTIFIED AIRCRAFT

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AT NW END OF RUNWAY.

25X1D

25X2

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25X1A

25X2

ELECTRONICS

KILDIN ISLAND, INSTRUMENTATION SITE 6922N Ø3412E

NO TRACKING FACILITIES OR RADAR EVIDENT ON EXCELLENT PHOTOGRAPHY.

25X1D

25X1A

MARKOVO, SUSPECT ELECTRONICS FACILITY 6440N 17025E

NO ELECTRONICS FACILITIES OBSERVED WITHIN A 50-NM RADIUS OF MARKOVO.

25X1D

25X1A

SAMODED, SUSPECT COMMUNICATIONS FACILITY 6336N Ø4Ø28E

WESTERN HALF OF SEARCH AREA IS CLOUD-COVERED.
NO COMMUNICATIONS FACILITIES OBSERVED IN CLOUD-FREE
AREAS WITHIN A 50-NM RADIUS OF SAMODED.

25X1D

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